

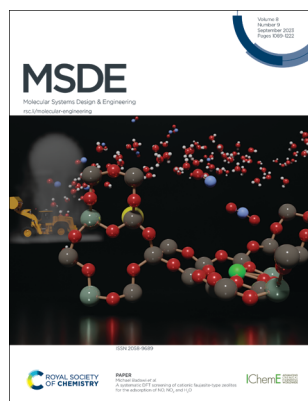
# MSDE

## Molecular Systems Design & Engineering rsc.li/molecular-engineering

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Des. Eng.*, 2023, **8**, 1165.

### EDITORIAL

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#### New Editor-in-Chief and Deputy Editor-in-Chief for MSDE: reflections and vision

Claire S. Adjiman\* and Andrew L. Ferguson\*

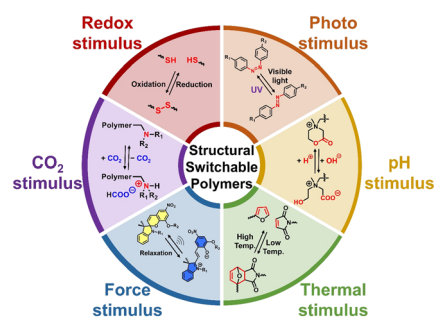


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and Qiang Zhu\*



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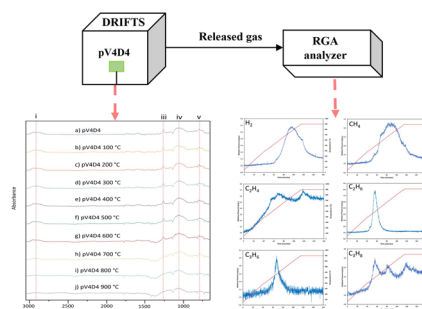
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### Time-resolved *operando* analysis of the pyrolysis of a PECVD-deposited siloxane polymer using a combined DRIFTS–MS system

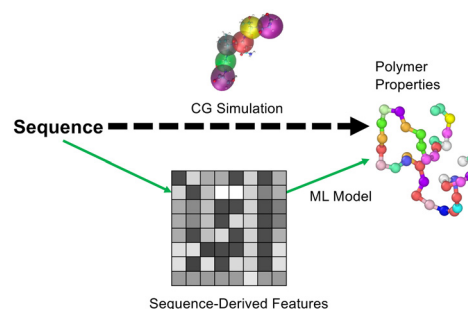
Bryan Nguyen, Farnaz Tabarkhoon, Linghao Zhao, Ankit Mishra, Malancha Gupta, Priya Vashishta and Theodore Tsotsis\*



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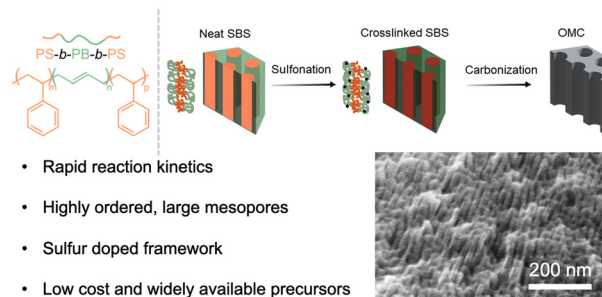
Tzu-Hsuan Chao, Shiv Rekhi, Jeetain Mittal and Daniel P. Tabor\*



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### Precursor design for efficient synthesis of large-pore, sulfur-doped ordered mesoporous carbon through direct pyrolysis

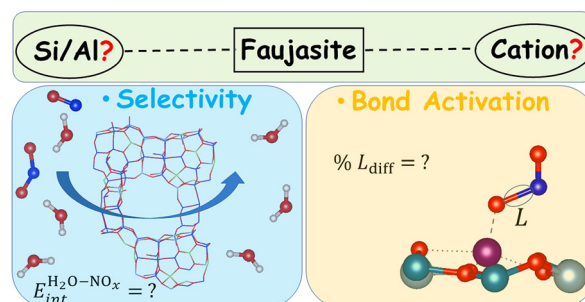
Mark Robertson, Anthony Griffin, Alejandro Guillen Obando, Andrew Barbour, Ryan Davis and Zhe Qiang\*



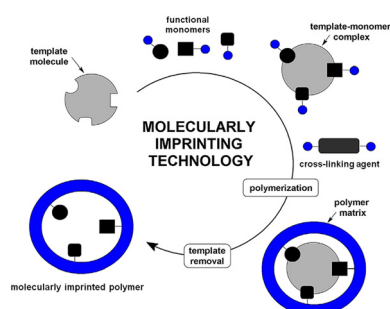
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Ioannis Karamanis, Ayoub Daouli, Hubert Monnier, Marie-Antoinette Dziurla, Guillaume Maurin and Michael Badawi\*



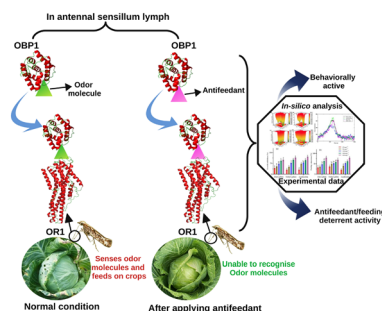
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## Theoretical design of molecularly imprinted polypyrrole biosensor for the detection of renal failure biomarkers

Elham Rajaei, Mohammad Izadyar\* and Mohammad Reza Housaindokht

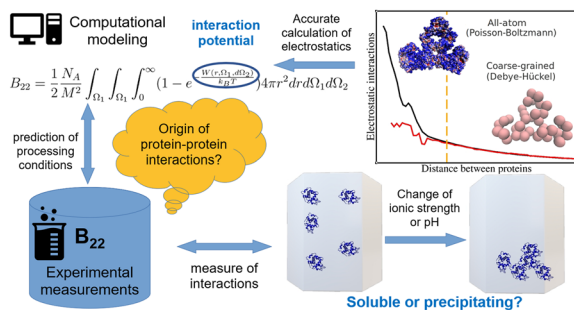
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## Bioactive molecules of *Triadica sebifera* as eco-friendly antifeedants against *Plutella xylostella*: a pest management approach

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## Accurate calculation of second osmotic virial coefficients of proteins using mixed Poisson-Boltzmann and extended DLVO theory

Srdjan Pusara, Wolfgang Wenzel and Mariana Kozłowska\*

